Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A film comprising a polyethylene composition possessing a density of between 0.940 and 0.970 g/cm³, and an I₂₁ value of from 4 to 20 dg/min; characterized in that the polyethylene composition extrudes at a melt temperature, T_m, that satisfies the following relationship:

$$T_m \le 235 - 3.3 (I_{21})$$

wherein the polyethylene composition is extruded at a specific throughput of from 1 to 1.5 lbs/hr/inch lbs/hr/rpm; and wherein the polyethylene composition formed into a film has a gel count of less than 100.

- 2. (Original) A film comprising a polyethylene composition possessing a density of between 0.940 and 0.970 g/cm³, and an I₂₁ value of from 4 to 20 dg/min; characterized in that the polyethylene composition extrudes at a melt temperature that is from 2 to 20°C less than multi-reactor polyethylene compositions possessing a density of between 0.940 and 0.970 g/cm³ and an I₂₁ value of from 4 to 20 dg/min extruded under the same conditions; further characterized in that the film has a gel count of less than 100.
- 3. (Original) A film comprising a polyethylene composition, the polyethylene composition comprising a high molecular weight component having a weight average molecular weight of greater than 50,000 amu and a low molecular weight component having a weight average molecular weight of less than 50,000 amu; the polyethylene composition possessing a density of between 0.940 and 0.970 g/cm³, and an I₂₁ value of less than 20 dg/min and a Mw/Mn value of from greater than 35; characterized in that the film has a gel count of less than 100.

- 4. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition comprising a high molecular weight component having a weight average molecular weight of greater than 50,000 amu and a low molecular weight component having a weight average molecular weight of less than 40,000 amu.
- 5. (Original) The film of Claim 4, wherein the low molecular weight component possesses a weight average molecular weight of less than 30,000 amu.
- (Original) The film of Claim 4, wherein the low molecular weight component has a weight average molecular weight of less than 20,000 amu.
- 7. (Original) The film of Claim 4, wherein the low molecular weight component has a weight average molecular weight of less than 15,000 amu.
- 8. (Original) The film of Claim 1 or 2, wherein the polyethylene composition has an M_w/M_n value of from greater than 35.
- 9. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition has an M_w/M_n value of from greater than 40.
- 10. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition has an elasticity of greater than 0.60.
- 11. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition is free of hard foulants.
- 12. (Currently amended) The film of Claim 1 or 2, wherein the polyethylene composition extrudes at a specific throughput of from 1 to 1.4 lbs/hr/ineh lbs/hr/rpm.

- 13. (Currently amended) The film of Claim 1 or 2, wherein the polyethylene composition extrudes at a specific throughput of from 1 to 1.3 lbs/hr/inch lbs/hr/inch.
- 14. (Currently Amended) The film of Claim 1, 2 or 3, wherein the film is produced by the steps comprising:
 - (a) first forming a polyethylene composition comprising incorporating the high molecular weight polymer into the low molecular weight polymer formed by contacting ethylene and C₃ to C₁₂ α-olefins, an alkylaluminum, water, and a bimetallic catalyst composition; followed by
 - (b) extruding the polyethylene composition to form pellets while optionally adding oxygen, to form pellets of polyethylene composition;
 - (c) isolating pellets of polyethylene composition;
 - (d) extruding the pellets of polyethylene composition in an extruder to form a film.
- 15. (Original) The film of Claim 14, wherein from 0.01 to 14 SCFM of oxygen is added to the polyethylene composition during step (b).
- 16. (Original) The film of Claim 1, 2, 3, wherein the polyethylene composition is produced in a single continuous gas phase reactor process.
- 17. (Currently amended) The film of Claim 1 or 2, and wherein the film has a gel count of less than 50.
- 18. (Original) The film of Claim 1, 2 or 3, wherein the weight percent of the high molecular weight component is greater than 50 wt% relative to the total polyethylene composition as measured by GPC.

- 19. (Original) The film of Claim 1, 2 or 3, wherein the weight percent of the high molecular weight component ranges from 50 to 80 wt% relative to the total polyethylene composition as measured by GPC.
- 20. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition comprises poly(ethylene-co-1-butene).
- 21. (Original) The film of Claim 1, 2 or 3, wherein the polyethylene composition is extruded using a motor load of less than 80 % the maximum motor load.